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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/632,499	08/01/2003	Frank Olschewski	21295.59(H5644US)	4405
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HOUSTON ELISEEVA 4 MILITIA DRIVE, SUITE 4 LEXINGTON, MA 02421				
EXAMINER				
ROSARIO, DENNIS				
ART UNIT		PAPER NUMBER		
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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## DETAILED ACTION

### *Response to Amendment*

1. The after final amendment was received on 3/9/10. Claims 1-11 are pending.

### *Response to Arguments*

2. Applicant's arguments filed 3/9/10 have been fully considered but they are not persuasive.
3. In response to applicant's argument that the references fail to show certain features of applicant's invention, it is noted that the features upon which applicant relies (i.e., **"identifying their actual trajectories"** and **"identifying their trajectories before or after the operation"** and **"trajectories of all pixels are known"**) are not recited in the rejected claim(s). Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993).

Applicants state that "identifying a trajectory for each pixel of the acquired images from and applying an operation to the images along the trajectory is not disclosed in Sezan." The examiner respectfully disagrees since Sezan teaches claim 1 of:

Identifying a trajectory (corresponding to "assumed motion trajectory" in col. 12, lines 57-60 and col. 13, lines 63-65) for each ("missing" *ibid.*) pixel of the acquired images from the displacement vector fields (fig. 12C or 12A where E1 and E2 are fields with vectors where one of the vectors is the assumed motion trajectory: note that there is an error in the drawings of figure 12 given that Sezan teaches that figure 12 has two vectors. One is called the "global displacement vector [gdy]" in col. 12, lines 57-60 and

the other referred to in figure 12 as "wavy or dotted line vector" *ibid.* which is clearly not seen in figures 12A-12D; however, the wavy vector can reasonably be identified in fig. 12 given that the other vector is labeled as "gdy" which leaves only one vector that is not labeled and corresponds to the wavy or dotted line vector that corresponds to the claimed identified trajectory); and

applying an operation ("interpolation" in col. 13, lines 57-63) to the images optically acquired by the detector unit along the identified trajectory (implied by "assumed motion trajectory" in col. 13, lines 63-65; thus, interpolation is applied along the wavy vector of fig. 12 which is the assumed trajectory for the missing pixel).

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DENNIS ROSARIO whose telephone number is (571)272-7397. The examiner can normally be reached on 9-5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew Bella can be reached on (571)272-7778. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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